

INTERNATIONAL SEARCH REPORT

Inte
nal Application No
PCT/JP2005/008660

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B1/40 H04B15/00 G06K19/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/056247 A (KANG, HYEON-SOO) 18 July 2002 (2002-07-18) the whole document	1-15
A	GB 2 384 942 A (RALPH * JARMAIN) 6 August 2003 (2003-08-06) the whole document	1-15
A	EP 1 413 979 A (SONY CORPORATION; SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC) 28 April 2004 (2004-04-28) the whole document	1-15
Y	US 2003/228892 A1 (MAALISMAA JUHA ET AL) 11 December 2003 (2003-12-11) the whole document	1-15
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

16 June 2005

Date of mailing of the international search report

23/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/045333 A1 (KIMATA YUSUKE ET AL) 6 March 2003 (2003-03-06) the whole document -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

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		KR 2003035265 A			09-05-2003
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